In the Claims:

1. (Withdrawn) In a roll-like printing paper wound around a paper spool, said roll-like printing paper characterized in that said paper spool has formed thereon a detection portion to detect a rotation.

2. (Withdrawn) A roll-like printing paper as claimed in claim 1, wherein said detection portion is a notch formed on at least one end of said paper spool.

3. (Withdrawn) A roll-like printing paper as claimed in claim 1, wherein said detection portion is a mark formed on at least one opening end face of the inner surface of said paper spool.

4. (Withdrawn) In a roll-like printing paper wound around a paper spool, said roll-like printing paper characterized in that said paper spool comprises a detection portion for detecting a rotation and printing paper roll pressers for rotatably supporting said paper spool.

5. (Withdrawn) A roll-like printing paper as claimed in claim 4, wherein said detection potion is a notch formed on at least one end of said paper spool.

6. (Withdrawn) A roll-like printing paper as claimed in claim 4, wherein said detection portion is a mark formed on at least one opening end face of the inner surface of said paper spool.

7. (Withdrawn) In a roll-like printing paper wound around a paper spool, said roll-like printing paper characterized in that said paper spool

comprises a detection portion for detecting a rotation, printing paper roll pressers for rotatably supporting said paper spool and rotation detection means for detecting a rotation of said paper spool by said detection portion.

8. (Withdrawn) A roll-like printing paper as claimed in claim 7, wherein said detection portion is a notch formed on at least one end of said paper spool.

9. (Withdrawn) A roll-like printing paper as claimed in claim 7, wherein said detection portion is a mark formed on at least one opening end face of the inner surface of said paper spool.

10. (Cancelled)

11. (Currently amended) A video printer comprising,

a detection portion disposed in a paper spool around which a printing paper is wound ~~and detecting~~ for determining a rotation of said paper spool;

rotation detection means for detecting a rotation of said paper spool by use of said detection portion; and

control means for determining based on said paper spool rotation detected by said rotation detection means whether or not a remaining quantity of said ~~roll-like~~ printing paper wound around said paper spool approaches ~~to~~ its end and controls display means such that said display means displays a first alarm if it is determined that the quantity of said ~~roll-like~~ printing paper approaches ~~to~~ its end;

wherein said detection portion is disposed on one side of said paper spool and said control means controls said display means such that said

display means displays a second alarm if a rotation of said paper spool is not detected by said rotation detection means.

12. (Canceled)

13. (Canceled)

14. (Currently amended) A video printer comprising:

a roll-like printing paper including a detection portion ~~for detecting a rotation of a paper spool provided on said paper spool~~ disposed in a paper spool to which ~~a~~ the printing paper is wound in a roll-like fashion, printing paper roll pressers for rotatably supporting said paper spool and rotation detection means for detecting a rotation of said paper spool ~~by said~~ based on said detection portion; and

control means for,

determining based on said paper spool rotation detected by said rotation detection means whether or not a remaining quantity of said roll-like printing paper wound around said paper spool approaches ~~to~~ its end and displaying an alarm on display means if it is determined that the remaining quantity of said roll-like printing paper approaches ~~to~~ its end, and

determining if said roll-like printing paper is rotating during printer operation based on said rotation detection means and displaying a second alarm on the display means if it is determined that said roll-like printing paper is not rotating during printer operation.

15. (Cancelled)

16. (Currently amended) A method of detecting a remaining quantity of a printing paper comprising the steps of,

detecting a rotation of a paper spool around which ~~a~~ the printing paper is wound;

determining based on said detected paper spool rotation whether or not ~~a~~ the remaining quantity of said ~~roll-like~~ printing paper wound around said paper spool approaches ~~to~~ its end; and

displaying a first alarm by display means if it is determined that the remaining quantity of said ~~roll-like~~ printing paper approaches ~~to~~ its end;

wherein:

the rotation of said paper spool around which said printing paper is wound in a roll-like fashion is detected and a second alarm is displayed by display means if said paper spool rotation is not detected; and

said step of detecting comprises detecting a detection portion disposed in said paper spool.

17. (Previously presented) The video printer according to Claim 11, wherein said detection portion comprises a bar code and said rotation detection means comprises an optical sensor.

18. (Previously presented) The video printer according to Claim 17, wherein said one side is an inside of said paper spool.

19. (Previously presented) The video printer according to Claim 11, wherein said detection portion comprises a bar code printed on said paper spool.

20. (Previously presented) The video printer according to Claim 11, wherein said detection portion comprises a bar code sticker affixed to said printer spool.

21-30. (Cancelled)

31. (New) The video printer according to Claim 11, wherein said detection portion comprises a through hole cut into the paper spool.

32. (New) The video printer according to Claim 31, wherein the rotation detection means comprises a lever with contact tip configured to detect passing of the through hole during rotation of the paper spool.

33. (New) The video printer according to Claim 32, wherein the lever is L-shaped and under a spring-like force that pushes the contact tip into the through hole.

34. (New) The video printer according to Claim 11, wherein the control means determines the remaining quantity of said printing paper based on a rotational speed of said paper spool.

35. (New) The video printer according to Claim 11, wherein:

the rotation detection means produces a pulse ~~from~~ wave form indicating a rotational speed of said paper spool; and

the control means determines the remaining quantity of said printing paper based on the rotational speed.

36. (New) A video printer, comprising:

a paper spool, comprising, a detection portion disposed in the paper spool, and printing paper roll pressers for rotatably supporting the paper spool;

printing paper provided on said paper spool to which the printing paper is wound in a roll-like fashion;

rotation detection means for detecting a rotation of the paper spool by detecting the detection portion; and

control means for determining, based on the paper spool rotation detected by the rotation detection means, whether or not a remaining quantity of the printing paper approaches its end and displaying a first alarm on a display means if it is determined that the remaining quantity of the printing paper approaches its end;

wherein said control means displays a second alarm on said display means if said rotation detection means does not detect the rotation of said paper spool.

37. (New) The video printer according to Claim 36, wherein the detection portion is formed on one side of said paper spool.

38. (New) The video printer according to Claim 36, wherein the detection portion comprises a bar code.

39. (New) The video printer according to Claim 36, wherein the rotation detection means comprises an optical scanner.

40. (New) The video printer according to Claim 36, wherein the detection portion comprises a through hole in the spool and the rotation

detection means comprises a spring pressured L shaped lever configured to be pushed into the through hole on each rotation of the spool.

41. (New) The method according to Claim 16, wherein said step of detecting comprises reading the detection portion.

42. (New) The method according to Claim 16, wherein said step of detecting comprises reading the detection portion which comprises a bar code.